

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|----------------------------------|------------------|---------|------------------|
| L1 | 4 | 508/497,496,465,463,459.ccls. and thioether and propionate | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/09/12 13:12 |
| L2 | 1 | 508/497,496,465,463,459.ccls. and thioether and dialkyldithiopropionate | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/09/12 13:13 |
| L3 | 1 | 508/497,496,465,463,459.ccls. and thioether and hindered near5 phenolic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/09/12 13:14 |
| L4 | 3 | 508/497,496,465,463,459.ccls. and thioether and hindered same phenolic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/09/12 13:14 |
| L5 | 0 | 508/110,100.ccls. and (lubricate or lubricant or lubricating) and hindered near5 (phenolic or phenol) and (ditrialkyldithiopropionate or ditridecyldithiopropionate or thioether) and antioxidant | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/09/12 13:36 |
| L6 | 0 | 508/110,100.ccls. and (lubricate or lubricant or lubricating) and hindered near5 (phenolic or phenol) and (ditrialkyldithiopropionate or ditridecyldithiopropionate or thioether) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/09/12 13:36 |
| L7 | 6 | 508/110,100.ccls. and (lubricate or lubricant or lubricating) and (phenolic or phenol) and (ditrialkyldithiopropionate or ditridecyldithiopropionate or thioether) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/09/12 13:36 |
| L8 | 8 | 508/497,496.ccls. and (lubricate or lubricant or lubricating) and (phenolic or phenol) and (ditrialkyldithiopropionate or ditridecyldithiopropionate or thioether) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/09/12 13:36 |
| L9 | 1 | 508/497,496.ccls. and (lubricate or lubricant or lubricating) and (phenolic or phenol) and (ditrialkyldithiopropionate or ditridecyldithiopropionate or thioether) | US-PGPUB | ADJ | ON | 2008/09/12 13:37 |
| L10 | 1 | 508/497,496.ccls. and (phenolic or phenol) and (ditrialkyldithiopropionate or ditridecyldithiopropionate or thioether) | US-PGPUB | ADJ | ON | 2008/09/12 13:37 |
| S1 | 37 | migdal.in. and antioxidant | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2006/08/16 09:12 |

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| S2 | 7 | sikora.in. and antioxidant | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2006/08/16 09:12 |
| S3 | 5 | S2 not S1 | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2006/08/16 09:12 |
| S5 | 77 | crompton.asn. and antioxidant | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2006/08/16 09:13 |
| S6 | 39 | crompton.asn. and antioxidant and phenolic | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2006/08/16 09:13 |
| S7 | 33 | crompton.asn. and antioxidant same phenolic | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2006/08/16 09:13 |
| S8 | 0 | crompton.asn. and antioxidant same phenolic and thioether | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2006/08/16 09:13 |
| S9 | 3 | crompton.asn. and antioxidant same phenolic and thioether | US-PGPUB; USPAT; USOCR; EPO; JPO | ADJ | ON | 2006/08/16 09:58 |
| S11 | 155 | antioxidant same hindered near2 phenolic and antioxidant same thioether | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/08/16 09:16 |
| S12 | 58 | antioxidant near7 hindered near2 phenolic and antioxidant near7 thioether | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/08/16 09:18 |
| S13 | 0 | antioxidant near7 hindered near2 phenolic and antioxidant near7 thioether and butyl-3-(3,5,di-tert-butyl-4-hydroxyphenyl) propionate | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/08/16 09:17 |
| S14 | 0 | antioxidant near7 hindered near2 phenolic and antioxidant near7 thioether and butyl-3-(3,5,di-tert-butyl-4-hydroxyphenyl)propionate | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/08/16 09:17 |
| S15 | 1 | antioxidant near7 hindered near2 phenolic and antioxidant near7 thioether and ditridecyldithiopropionate | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/08/16 09:18 |
| S16 | 1 | antioxidant near7 hindered near2 phenolic and antioxidant near7 thioether and dialkyldithiopropionate | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/08/16 09:18 |
| S17 | 27 | antioxidant near7 hindered near2 phenolic and antioxidant near7 thioether and (lubricant or lubricate or lubricating) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/08/16 13:48 |

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| S18 | 26 | antioxidant same hindered near2 phenolic and antioxidant same thioether | FPRS; EPO; JPO; DERWENT | ADJ | ON | 2006/08/16 09:27 |
| S19 | 1 | antioxidant same hindered near2 phenolic and antioxidant same thioether and (lubricate or lubricating or lubricant) | FPRS; EPO; JPO; DERWENT | ADJ | ON | 2006/08/16 09:26 |
| S21 | 3 | ((("5498809") or ("5523007") or ("6559105")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/16 10:03 |
| S22 | 2 | ("0417272").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/16 10:03 |
| S23 | 1 | ("4171272").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/16 10:04 |
| S24 | 2 | ("0006878").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/16 10:04 |
| S25 | 1 | ep-1054052-\$.did. | EPO | OR | OFF | 2006/08/16 13:23 |
| S26 | 1 | ep-896050-\$.did. | EPO | OR | OFF | 2006/08/16 13:24 |
| S30 | 0 | butyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate | FPRS; EPO; JPO; DERWENT | ADJ | ON | 2006/08/16 13:51 |
| S33 | 5 | dialkyldithiopropionate | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/08/16 13:51 |
| S34 | 0 | butyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/08/16 15:27 |
| S35 | 114 | 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/08/16 15:27 |
| S36 | 48 | 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionic and (lubricate or lubricant or lubricating) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/08/16 15:28 |
| S37 | 8 | 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionic near8 antioxidant and (lubricate or lubricant or lubricating) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/08/16 15:31 |
| S38 | 1 | ditridecyldithiopropionate near8 antioxidant and (lubricate or lubricant or lubricating) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/08/16 15:32 |
| S39 | 0 | ditridecyldithiopropionic near8 antioxidant and (lubricate or lubricant or lubricating) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/08/16 15:32 |
| S40 | 1 | ditridecyldithiopropionate | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/08/16 15:32 |
| S41 | 0 | ditridecyldithiopropionic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/08/16 15:37 |
| S42 | 0 | di-tridecyl0thio0di-propionate | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/08/16 15:37 |
| S43 | 4 | di-tridecyl-thio-di-propionate | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/08/16 16:15 |
| S44 | 1 | hindered near3 (phenol or phenolic) and thioether and 508/497.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/08/16 16:16 |

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| S45 | 1 | 508/497.ccls. and hindered near5 (phenolic or phenol) and (ditrialkyldithiopropionate or ditridecyldithiopropionate or thioether) and antioxidant | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/02/20 12:24 |
| S46 | 802 | (lubricate or lubricant or lubricating) and hindered near5 (phenolic or phenol) and (ditrialkyldithiopropionate or ditridecyldithiopropionate or thioether) and antioxidant | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/02/20 12:24 |
| S47 | 5 | (lubricate or lubricant or lubricating) and hindered near5 (phenolic or phenol) and (ditrialkyldithiopropionate or ditridecyldithiopropionate or thioether) and antioxidant | FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/02/20 12:24 |
| S48 | 169 | (lubricate or lubricant or lubricating) same antioxidant and hindered near5 (phenolic or phenol) and (ditrialkyldithiopropionate or ditridecyldithiopropionate or thioether) same antioxidant | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/02/20 12:25 |
| S52 | 14 | (wegmann near3 alex).in. | FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/05/14 13:13 |
| S54 | 2 | wo-2005023886-\$.did. | FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/05/14 13:15 |
| S55 | 1 | butyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/14 13:19 |
| S56 | 1 | butyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/14 13:20 |
| S57 | 0 | 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionic and hindered phenolic same thioether | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/14 13:21 |
| S58 | 4 | 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate and hindered phenolic same thioether | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/14 13:21 |
| S59 | 1 | 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate and hindered phenolic same thioether | FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/05/14 13:22 |
| S60 | 0 | 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionioc and hindered phenolic same thioether | FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/05/14 13:23 |
| S61 | 0 | 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionic and hindered phenolic same thioether | FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/05/14 13:23 |
| S62 | 9 | ((("3285855") or ("3330859") or ("3345327") or ("4652272"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/05/14 13:42 |

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| S63 | 10 | ("20020006878" "20040147414" "20050176594" "20060122295" "4171272" "5091099" "5498809" "5523007" "6559105" "6887835").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/14 13:48 |
| S64 | 4 | "508"/\$.ccls. and dtridecylthiodipropionate | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/09/12 10:27 |
| S65 | 2 | "508"/\$.ccls. and dialkyldithiopropionate | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/09/12 10:31 |
| S66 | 10 | ("20020006878" "20040147414" "20050176594" "20060122295" "4171272" "5091099" "5498809" "5523007" "6559105" "6887835").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/09/12 10:33 |
| S67 | 70 | "508"/\$.ccls. and thioether and propionate | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/09/12 10:42 |
| S68 | 1 | "508"/\$.ccls. and thioether and butyl- 3(3,5-di-tert-butyl-4-hydroxyphenyl) propionate | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/09/12 10:43 |
| S69 | 1 | "508"/\$.ccls. and thioether and butyl- 3(3,5-di-tert-butyl-4-hydroxyphenyl) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/09/12 10:43 |
| S70 | 38 | "508"/\$.ccls. and thioether and (3,5- di-tert-butyl-4-hydroxyphenyl) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/09/12 10:43 |
| S71 | 1 | ("5489809").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/09/12 10:54 |
| S72 | 1 | ("5498809").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2008/09/12 10:55 |

9/12/2008 1:37:54 PM

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